

From: [Alicia Douglas](#)
To: [Matthew Jenkins](#)
Cc: [Richard Houze](#); [Brittany Wood](#)
Subject: RE: Hyde Park ARAP - NRS23.312
Date: Monday, April 29, 2024 4:13:00 PM
Attachments: [~WRD0000.jpg](#)
[image001.png](#)
[image002.png](#)

Hi Matthew-

In reviewing the various application materials that were originally sent in to the field office separately and without features numbers labeled on the plans, it is taking some time to identify all the total impacts at this site. I have seen the following a few times: "The impact of the road crossing and storm pipe construction will be approximately 89ft for the wetland crossing and 213ft for the stream crossing. The total impact of construction on the stream will be equal to 302 feet."

- What is the area in acreage of wetlands to be impacted?
- What method of utility crossing installation is being proposed for the wetland crossing? What is the size of the water line? (If this is in the link below, I do not have access to sec-civil's sharepoint)
- What assurances are in place to prevent the future owners of the lots from impacting Waters of the State?

DRAINAGE PIPE TABLE										
NAME	STRUC (DN)	STRUC (UP)	INV (DN)	INV (UP)	LENGTH (FT)	SLOPE (%)	TYPE	SIZE (IN)	BARRELS	MANNING'S N
A	#1	#2	849.00	851.99	30	9.97	RCP III	18	3	0.013
B	#3	#4	813.89	814.29	27	1.50	RCEP	19X30	2	0.013
C	#5	#6	811.48	813.11	32	5.05	RCBC	3'(H)X5'(W)	1	0.013
D	#7	#8	787.06	787.43	37	1.00	RCP III	24	1	0.013
E	#9	#10	789.27	789.71	26	1.67	RCBC	4'(H)X18'(W)	1	0.013

NOTE: PIPE C AND E TO BE A 3-SIDED BOX CULVERT.

- Structure C matched the coordinates for the Wetland Road Crossing and Wetland Utility Crossing. This is noted as 32 feet of RCBC. Including this structure and grading, what is the total impact of this wetland (Linear WTL-2) in acreage? Where is the 89 feet and storm pipe mentioned in the narrative?
- Structure E matches the coordinates for the Stream Crossing. This is noted as a single barrel of 18' width RCBC. What is the additional 18 feet (length above states 26 feet) contributed to? Where is the 213 feet of stream impact coming from?
- Sheet C5.2 also depicts the crossing of WTL-1 in addition to this crossing E on STM-1. What impacts are there to be to this wetland? The stream road crossing coordinates match the crossing on the lot line of Lots 108 and 109. A note on plans sheets says Lots 108 and 109 will share a driveway requiring the crossing of WTL-1 and STM-1 to be obtained by the future builder. Please clarify if this is the currently proposed stream crossing.
- 213 feet of the same stream crossing as proposed in the narrative exceeds *de minimis* and will require compensatory mitigation. If this is accurate, please provide Stream Mitigation Tool (SQT) worksheets, field data collection sheets, Debit Tool workbook, and mitigation proposal.

Additionally, a detailed alternatives analysis is also still required for all Individual Permits. Please submit along with the above items and review of the permit materials can proceed.

Thank you,



Alicia Douglas | Environmental Consultant
 Division of Water Resources
 Davy Crockett Tower, Ninth Floor
 500 James Robertson Parkway, Nashville, TN 37243
 m. (615) 804-2409
Alicia.Douglas@tn.gov
tn.gov/environment

Tell us how we're doing! Please take 5-10 minutes to complete [TDEC's Customer Service Survey](#)

TDEC Staff often work from locations other than the Central Office in Davy Crockett Tower. Please schedule in-person visits, meetings, or discussions in advance.

From: Matthew Jenkins <mjenkins@sec-civil.com>
Sent: Monday, April 22, 2024 10:09 AM
To: Alicia Douglas <Alicia.Douglas@tn.gov>
Cc: Richard Houze <rhouze@sec-civil.com>; Brittany Wood <bwood@sec-civil.com>

Subject: [EXTERNAL] Re: Hyde Park ARAP - NRS23.312

Hi Alicia, just following up to see where we are on this ARAP. Let me know if there is any other information you need.

From: Matthew Jenkins <mjenkins@sec-civil.com>

Sent: Friday, April 5, 2024 11:45 AM

To: Alicia Douglas <Alicia.Douglas@tn.gov>

Subject: Re: Hyde Park ARAP - NRS23.312



[22812 ARAP Package - Utility Crossing 3.pdf](#)

- The wetlands and streams that lie within the lots are not to be impacted. There will be no future impacts.
- I've attached an updated version clarifying section 8. The only feature affected by the utility crossing is the wetland.
- The structure proposed for the stream crossing is a 4'(H) x 18'(W) 3-sided box culvert.
- Stream Road Crossing Coordinates: 35.7749, -86.6988
- Wetland Road Crossing Coordinates: 35.7779, -86.6996
- Wetland Utility Crossing Coordinates: 35.7779, -86.6697

From: Alicia Douglas <Alicia.Douglas@tn.gov>

Sent: Wednesday, March 27, 2024 12:52 PM

To: Matthew Jenkins <mjenkins@sec-civil.com>

Subject: RE: Hyde Park ARAP - NRS23.312

Hi Matthew-

In reviewing the plans as a Common Plan of Development, it appears that much of the wetlands and stream lie within the lots. If these are also to be impacted, the currently proposed impacts are considered cumulative with the future impacts and will likely exceed de minimis requiring mitigation. Can you please provide future impacts to water resources for our review?

Additionally:

- The application for the utility line crossing mentions a wetland crossing in Section 7, but then goes on to describe stream crossing in Section 8. Please clarify all features to be impacted by the utility crossing.
- Information is needed on what type and size of structure is being proposed for the stream crossing.
- Please provide the exact lat/long for each crossing impact location.
- An alternatives analysis (Section 10 of the CN-1091 Form) is required for individual permits and demonstration of avoidance and minimization.

Once those items are cleared up, the review process can continue. Please let me know if you have any questions.

Thank you,



Alicia Douglas | Environmental Consultant

Division of Water Resources

William R. Snodgrass Tennessee Tower, Eleventh Floor

312 Rosa L. Parks Ave., Nashville, TN 37243

m. (615) 804-2409

Alicia.Douglas@tn.gov

tn.gov/environment

Tell us how we're doing! Please take 5-10 minutes to complete [TDEC's Customer Service Survey](#)

TDEC Staff often work from locations other than

the Central Office in Tennessee Tower. Please schedule

in-person visits, meetings, or discussions in advance.

From: Matthew Jenkins <mjenkins@sec-civil.com>
Sent: Tuesday, March 26, 2024 10:05 AM
To: Alicia Douglas <Alicia.Douglas@tn.gov>
Subject: [EXTERNAL] Re: Hyde Park ARAP - NRS23.312

Hi Alicia, I just wanted to check in on this and see if it's any closer to approved.

From: Alicia Douglas <Alicia.Douglas@tn.gov>
Sent: Wednesday, February 14, 2024 10:45 AM
To: Matthew Jenkins <mjenkins@sec-civil.com>
Subject: RE: Hyde Park ARAP - NRS23.312

That's it! Thank you!



Alicia Douglas | Environmental Consultant

Division of Water Resources

William R. Snodgrass Tennessee Tower, Eleventh Floor

312 Rosa L. Parks Ave., Nashville, TN 37243

m. (615) 804-2409

Alicia.Douglas@tn.gov

tn.gov/environment

Tell us how we're doing! Please take 5-10 minutes to complete [TDEC's Customer Service Survey](#)

TDEC Staff often work from locations other than
the Central Office in Tennessee Tower. Please schedule
in-person visits, meetings, or discussions in advance.

From: Matthew Jenkins <mjenkins@sec-civil.com>
Sent: Wednesday, February 14, 2024 10:38 AM
To: Alicia Douglas <Alicia.Douglas@tn.gov>
Subject: [EXTERNAL] Re: Hyde Park ARAP - NRS23.312

I think I found it. Is this what you need?

From: Alicia Douglas <Alicia.Douglas@tn.gov>
Sent: Wednesday, February 14, 2024 10:27 AM
To: Matthew Jenkins <mjenkins@sec-civil.com>
Subject: RE: Hyde Park ARAP - NRS23.312

Good morning-

Thank you for the information! The HD report submitted as part of the application package has a letter dated January 11, 2023. I am going to reach out to the field office to see what record they have that may have not been captured in the database. Do you by chance have a record of the submittal? That may help speed up tracking it down!

Thank you,



Alicia Douglas | Environmental Consultant

Division of Water Resources

William R. Snodgrass Tennessee Tower, Eleventh Floor

312 Rosa L. Parks Ave., Nashville, TN 37243

m. (615) 804-2409

Alicia.Douglas@tn.gov

tn.gov/environment

Tell us how we're doing! Please take 5-10 minutes to complete [TDEC's Customer Service Survey](#)

TDEC Staff often work from locations other than
the Central Office in Tennessee Tower. Please schedule
in-person visits, meetings, or discussions in advance.

From: Matthew Jenkins <mjenkins@sec-civil.com>
Sent: Tuesday, February 13, 2024 5:53 PM
To: Alicia Douglas <Alicia.Douglas@tn.gov>
Subject: [EXTERNAL] Re: Hyde Park ARAP - NRS23.312

*** This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email - STS-Security. ***

No, I have not seen a concurrence from them.

From: Alicia Douglas <Alicia.Douglas@tn.gov>
Sent: Friday, February 2, 2024 8:33 AM
To: Matthew Jenkins <mjenkins@sec-civil.com>
Subject: RE: Hyde Park ARAP - NRS23.312

Hi Matthew!

Due to our current workloads, I had not yet had time to review this application. I have started to review the materials and see the Hydrologic Determinations and Wetland Delineations are included. Do you have a concurrence from the Nashville Environmental Field Office? I am not seeing one in the materials or in our database.

Thank you,



Alicia Douglas | Environmental Consultant

Division of Water Resources

William R. Snodgrass Tennessee Tower, Eleventh Floor

312 Rosa L. Parks Ave., Nashville, TN 37243

m. (615) 804-2409

Alicia.Douglas@tn.gov

tn.gov/environment

Tell us how we're doing! Please take 5-10 minutes to complete [TDEC's Customer Service Survey](#)

TDEC Staff often work from locations other than

the Central Office in Tennessee Tower. Please schedule

in-person visits, meetings, or discussions in advance.

From: Matthew Jenkins <mjenkins@sec-civil.com>
Sent: Wednesday, January 31, 2024 9:05 AM
To: Alicia Douglas <Alicia.Douglas@tn.gov>
Subject: [EXTERNAL] Hyde Park ARAP - NRS23.312

Hi Alicia, I know you were assigned to review this ARAP about a month ago. Do you know how much longer this might be under review?

Thanks,

Matthew Jenkins, EIT

SEC, Inc

850 Middle TN Blvd

Murfreesboro, TN 37129

615-890-7901 Office

270-772-0129 Cell